

ADDITIONAL LIST OF INSECTS TAKEN IN ALPINE REGION OF MT. WASHINGTON.

By ANNIE TRUMBULL SLOSSON.

The following list of insects I have captured, in 1897, on Mt. Washington is the fifth I have published. It contains over 200 names. Among these are many new species, and at least one new genus. The five lists include over 1300 species, all taken on or near the summit of the mountain and at or above 5500 feet altitude.

Let me again acknowledge, with thanks, the great assistance cheerfully rendered me by Messrs. Liebeck, Coquillett, Ashmead, Fox, MacGillivray, Van Duzee, Banks and others.

HYMENOPTERA.

Tenthredinidæ.

- Xiphydria tibialis* Say.
Tenthredopsis semilutea Nort.
Macrophya n. sp.
Pamphilus n. sp.
Acordolocera sayi Mac G. n. sp.
Tenthredo subrufescens Kirby.
Rhogogastera evansii Harvey.
Pæcilosoma sp.
Gymnonychus appendiculatus Hart
Amauronematus fulvipes Nort.
 " *annia* Mac G. n.
 [sp.]

Cynipidæ.

- Diastrophus nebulosus* O. S.
Hexaplasta annæ Ashm. n. sp.
Andricus sp.

Chalcididæ.

- Smicra torvina* Cr.
Tetrastichus sp.
 " "

Braconidæ.

- Habrobracon hebetor* Say.
Chremylus terminalis Ashm.
Amicoplus crambi Ashm.
Apanteles atalantæ Pack.
 " *notodontæ* Ashm. [sp.]
Neoblaeus rufipes Ashm. n. gen. n.
Mesocrina flaviventris Ashm. n. sp.

Ichneumonidæ.

- Ichneumon signatipes* Cr.
Exochilum nigrovenarium Brulle.
Mesochorus vitreus Walsh.
 " *aprilinus* Ashm.
Prædrus delicatus Ashm. n. sp.
Pyracmon clypeatum Ashm.
Leptopygus monticola Ashm.
Isotina tibialis Ashm.
Aperilaptus parvus Ashm.
Homaspis slossonæ Ashm.
Hypoleptus columbianus Ashm.
 " *monticola* Ashm. n. sp.
Phænosemus alticola Ashm. n. sp.
Cryptus exilis Prov.
Asyncrita compressa Ashm.
Hemiteles longicornis Prov.
Phygadeuon alticola Ashm. n. sp.
 " *alacris* Prov.
 " *vulgaris* Cr.
Orthocentrus carinatus Prov. [n. s.]
Trachyporthus americanus Ashm.

Proctotrypidæ.

- Proctotrypes monticola* Ashm.
Anectata hirtifrons Ashm. [n. sp.]
Zygota americana Ashm.
Aneurhynchus virginicus Ashm.

Chrysididæ.

- Chrysis nitidula* Fab.

Pemphredonidæ.

- Pemphredon angularis* For.

Eumecridæ.

- Odynerus albophaleratus* *Sauss.*
 “ sp. (near *cristatus* *Sauss.*)

COLEOPTERA.**Carabidæ.**

- Loricera cærulescens* *Linn.*
Pterostichus luctuosus *Dej.*
Amara angustata *Say.*
Lebia viridis *Say.*

Dytiscidæ.

- Hydroporus tristis* *Payk.*
 “ *latifrons* *Sharp.*
Agabus ambiguus *Say.*

Hydrophilidæ.

- Helophorus lineatus* *Say.*
Cercyon hæmorrhoidalis *Fab.*

Staphylinidæ.

- Stenus punctatus* *Er.*
 “ *femoratus* *Say.*

Phalacridæ.

- Olibrus neglectus* *Casey.*

Coccinellidæ.

- Coccinella monticola* *Muls.*
Hyperaspis signata *Oliv.*
 “ *undulata* *Say.*

Endomychidæ.

- Mycetina perpulchra* *Newm.*

Erotylidæ.

- Mycotretus dissimulata* *Gr.*

Cryptophagidæ.

- Anthrophagus ochraceus* *Melsh.*

Histeridæ.

- Hister cognatus* *Lec.?*

Nitidulidæ.

- Cercus pennatus* *Murr.*

Latridiidæ.

- Corticaria grossa* *Lec.*

Trogositidæ.

- Peltis ferruginea* *Linn.*
Calitys scabra *Thunb.*

Byrrhidæ.

- Byrrhus kirbyi* *Lec.*

Elateridæ.

- Cryptohypnus* var. *lucidulus* *Mann.*
Melanotus leonardi *Lec.*
Campylus productus *Rand.*
Corymbites nigricollis *Bland.*
 “ *hamatus* *Say.*

Throscidæ.

- Throscus constrictor* *Say.*

Buprestidæ.

- Anthaxia viridifrons* *Lal.*
Agrilus otiosus *Say.*

Lampyridæ.

- Pyropyga fenestralis* *Melsh.*
Pyractomena lucifera *Melsh.*
Telephorus bilineatus *Say.*

Malachidæ.

- Attalus terminalis* *Er.*

Ptinidæ.

- Cænocara intermedia* *Lec.*

Scarabæidæ.

- Onthophagus pennsylvanicus* *Har.*
Aphodius hyperboreus *Lec.*
 “ *vittatus* *Say.*
 “ *rubripennis* *Horn.*
Serica sericea *Ill.*
Trichius affinis *Gory.*

Cerambycidæ.

- Neoclytus erythrocephalus* *Fab.*
Anthophilax malachiticus *Hald.*
Acmæops pratensis *Laich.*

Chrysomelidæ.

- Lina lapponica* *Linn.*
Crepidodera robusta *Lec.*

Melandryidæ.

- Phryganophilus collaris* *Lec.*

Pythidæ.

- Pytho americanus* *Kirby.*

Mordellidæ.

- Mordellistena morula* *Lec.*

Rhinomaceridæ.

- Rhinomacer pilosus* *Lec.*

Curculionidæ.

- Pissodes dubius* *Rand.*
Magdalis sp.

Magdalis sp.
Elleschus bipunctatus Linn.
Orchestes ephippiatus Say.
Cnemogonus lecontei Dietz.
Ceutorhynchus decipiens Lec.
Balaninus nasicus Say.

DIPTERA.

Platyura elegans Coq.
Polylepta grisea Walk.
Dynastosoma scalaris Lw.
Mycetophila bifasciata Walk.
 " *bipunctata* Lw.
 " n. sp.
Sciara inconstans Filch.
Simulium meridionale Riley.
Hesperinus brevifrons Walk.
Scatopse brevicornis Meig.
Culex impiger Walk.
Chironomus festivus Say.
 " *riparius* Meig.
 " n. sp.?
Tanytus decedens Walk.
 " *concinus* Coq.
 " n. sp.?
Ceratopogon sp.
Psychoda alternata Say.
Erioptera armata O. S.
Symplectra punctipennis Meig.
Linnophila areolata O. S.
Trichocera gracilis Walk.
Tipula cincta Lw.
 " *fragilis* Lw.
Pachyrrhina ferruginea Fab.
Leptis incisa Lw.
Asilus annulatus Willst.
Dasyllis sacrator Walk.
Thereva strigipes Lw.
Empis lævigata Lw.
Microphorus? sp.?
Rhamphomyia longipennis Lw.
 " *rustica* Lw.
 " n. sp.
 " n. sp.
Cyrtoma longipes Lw.
 " *pilipes* Lw.

Tachydromia rapax Lw.
Diaphorus n. sp.?
Xanthochlorus helvinus Lw.
Chilosia petulea Willst.
Melanostoma obscurum Say.
Platychirus ciliatus Bigot.
Syrphus arcuatus Fall.
 " *disjectus* Willst.
 " n. sp.
Didea fuscipes Lw.
Brachyopa notata O. S.
Sericomyia chrysotoxoides Macq.
Myopa clausa Lw.
Pipunculus n. sp.
 " n. sp.
*Nephrocerus** n. sp.
Platyeza velutina Lw.
Exorista grisiomicans V. d. W.
Hypostena variabilis Coq.
Thryptocera flavipes Coq.
Rhynchodexia rutipennis Macq.
Ptilodexia tibialis Desv.
Helicobia heliciis Town.
Lucilia cornicina Fab.
Anthomyia latitarsis Zett.
Pegomyia vicina Linl.
Lispa sociabilis Lw.
Anthomyid n. gen.? n. sp.?
Phorbia acra Walk.
 " n. sp.
Cordylura carbonaria Walk.
 " *gracilipes* Lw.
 " *pleuritica* Lw.
Scatophaga squalida Meig.
 " *canadensis* Walk.
Blepharoptera leucostoma Lw.
Tetanocera sparsa Lw.
 " n. sp.
Sepedon pusillus Lw.
Loxocera pectoralis Lw.
Psila collaris Lw.
*Psairoptera** n. sp.
Sapromyza cincta Lw.
Heteronenra flavifascies Coq.
 " *pictipes** Zett.

* "Not before recognized from America," D. W. Coquillett.

Sepsis violacea Meig.
Anthomyza tenuis Lw.
Stegana coleoprata Scop.
Drosophila graminum Fall.
Crassisetia longula Lw.
Oscinis trigramma Lw.
Borborus geniculatus Macq.
Phora minuta Ald.

HEMIPTERA.

Heteroptera.

Zicrona cupræa Dallas.
Pilophorus ancemus Uhl.

Homoptera.

Cixius colæpium *Fitch.*

Stenocranus lautus Van D.
Cicadula punctifrons var. ameri-
 [cana Van D.

NEUROPTERA.

Hemerobius sp.
Nemoura venosa Bks.
Psocus striatus Burm.

ORTHOPTERA.

Melanoplus extremus.

ARACHNIDÆ.

Ergane borealis Blk.
Cornicularia directa Camb.
Philodroma rufus Watsch.

TYPES IN THE NEUMOEGEN COLLECTION.
WITH A FEW NOTES THEREON.

By Dr. RODRIGUES OTTOLENGUI.*

(Continued from vol. vii, p. 230.)

Omiia nesææ ♀ Smith. Utah.

In Mr. Neumoegen's notes both the genus and the species are credited to Smith. No mention of either appears in Smith's Check List nor his Catalogue of Noctuidæ. In the latter on page 284, *Omia* is alluded to as a synonym. I cannot clear up this mystery, not knowing where the description of the species was published.

Schinia tenuescens ♂ (♀) Grt. Colorado.

Type label reads *Lygranthæcia tenuescens*.

Schinia biundulata ♀ Smith. Texas.

Schinia arefacta ♀ Hy. Edw. Florida.

Type label reads *Tamilla arefacta*.

Schinia unimacula ♀ Smith. Colorado, Bruce.

Schinia obliqua ♂ (♂) Smith.

Locality label missing. Habitat in Arizona.

* When this work was begun it was undertaken with little realization of the time which would be required. After the first instalment had been prepared the collection was moved from New York city to Brooklyn, where it now is deposited in the museum of the Brooklyn Institute awaiting a purchaser. This has necessitated special trips to that city for each instalment and must account for lapse of time between each. As an example of the work involved it may not be amiss to mention that the present instalment is the result of eleven hours spent examining the types, besides the time occupied in writing, etc. This concludes the Noctuids, but there are still the Geometers and foreign species to be enumerated. Previous instalments of this article may be found on pages 216-220, vol. vi; also 227-230, vol. vii.